

Whole Cell Selection Utilizing Azlactone-Functional Supports

Abstract

A method for cell selection is disclosed. The method uses an azlactone-functional support, which is derivatized with and covalently coupled to a substance that is biologically active with a desired type of whole cell. The method allows the whole cells in the mixture to interact with and bind to the coupled biologically active substance, after which a remainder of the mixture is removed from the support. Optionally, one can elute the bound whole cells from the coupled biologically active substance to produce a purified collection of the whole cells.